

20030703.qrp v02_n970.qrl.20030703

Date: Thu, 3 Jul 2003 19:03:08 EDT
From: qrp-1@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: QRP-L digest 2970

QRP-L Digest 2970

Topics covered in this issue include:

- 1) [153459] RE: 75 meter qrp ssb transceiver update
by "AI2Q" <ai2q@adelphia.net>
- 2) [153460] RE: Capacitor checker
by "AI2Q" <ai2q@adelphia.net>
- 3) [153461] Re: 75 meter qrp ssb transceiver update
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 4) [153462] SST-20
by john <johnmb@nc.rr.com>
- 5) [153463] Four State FD Report
by "David Bixler" <qrp@netins.net>
- 6) [153464] Re: Capacitor checker
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 7) [153465] RE: 75 meter qrp ssb transceiver update
by "AI2Q" <ai2q@adelphia.net>
- 8) [153466] Re: [Elecraft] Talk about Mojo
by "john gabbard" <johngabbard@usintouch.com>
- 9) [153467] NEQRP CW Net, Thursday, 3 July 03, 08:30 PM EDT, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 10) [153468] Computer headset to Icom 706MK2
by Rick McKee <kc8aon@juno.com>
- 11) [153469] FSQRP/4SQRP Announcement
by "Jay Bromley" <jayw5jay@cox-internet.com>
- 12) [153470] bring to Field Day this weekend
by hamjoel@juno.com
- 13) [153471] Re: Four State FD Report
by Karl Larsen <k5di@msn.com>
- 14) [153472] Re: FSQRP/4SQRP Announcement
by "George, W5YR" <w5yr@att.net>
- 15) [153473] Which 4 State Area
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 16) [153474] Re: [ham] RE: 75 meter qrp ssb transceiver update
by KD5NWA <KD5NWA@cbayona.com>
- 17) [153475] Re: FSQRP/4SQRP Announcement
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 18) [153476] DSW-II-20-RTTY interface progress...the BUS SWITCH !
by "Bill, N4QA" <n4qa@hotmail.com>
- 19) [153477] Re: bring to Field Day this weekend

- by "Joe Roof" <jroof@mindspring.com>
- 20) [153478] Re: FSQRP/4SQRP Announcement
by Chuck Carpenter <w5usj@9plus.net>
- 21) [153479] RE: Capacitor checker
by "Michael A. Ostrowski" <KI8IK@comcast.net>
- 22) [153480] Re: Ur field day As Austin Amateur Radio Clubs battery entry, W5TQ
3A
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 23) [153481] Re: NI-MH batteries charging
by "=?iso-8859-1?B?XCivYLCuuLgufj5NaWtlPH4uuLgut7SvXCk=?"
<n9ivo@comcast.net>
- 24) [153482] FD "Tick... Boom"
by "Thomas Kuehl" <ac7a@earthlink.net>
- 25) [153483] THE "TOO MUCH STUFF" FOR SALE STATUS REPORT
by "Dick Schneider" <schneiderdick@qwest.net>
- 26) [153484] web page link
by "KD7SNX Rob. C" <kd7snx@earthlink.net>
- 27) [153485] For Sale: AL7FS PSK-80 Warbler - 80 meter PSK-31 transceiver
by Jim Larsen <JimLarsen2002@alaska.net>
- 28) [153486] headset/mic w/vox on sale at radio store
by ve3ab@mail.mondenet.com
- 29) [153487] Re: AT Sprint RF Gain Control
by "Sverre Holm" <la3za@qsl.net>
- 30) [153488] Re: [ham] RE: 75 meter qrp ssb transceiver update
by "Sverre Holm" <la3za@qsl.net>
- 31) [153489] Re: [ham] RE: 75 meter qrp ssb transceiver update
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 32) [153490] Re: web page link
by Bud Rogers <budr@sirinet.net>
- 33) [153491] Re: web page link
by Karl Larsen <k5di@msn.com>
- 34) [153492] TenTec Argonaut V Software Update
by AA3BP@aol.com
- 35) [153493] Re: TenTec Argonaut V Software Update
by Patrick Gardella <pgardella@yahoo.com>
- 36) [153494] Re: TenTec Argonaut V Software Update
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 37) [153495] Re: TenTec Argonaut V Software Update
by "Michael Gusky" <mgusky@bellsouth.net>
- 38) [153496] Re: bring to Field Day this weekend
by Alex <kr1st@amsat.org>
- 39) [153497] First 60m QSO
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 40) [153498] July Spartan Sprint Announcement
by "John Huffman" <hjohnc@core.com>
- 41) [153499] Michigan QRP Club July 4th CW Sprint
by kwiike@gdls.com
- 42) [153500] 60 meters

by Alex <kr1st@amsat.org>
43) [153501] Atmel AVR-based battery charger
by "Leon Heller" <leon_heller@hotmail.com>
44) [153502] Re: headset/mic w/vox on sale at radio store
by Alex <kr1st@amsat.org>
45) [153503] RE: 75 meter qrp ssb transceiver update
by Dave Marling <ve1vq@auracom.com>
46) [153504] Re: [ham] Re: NI-MH batteries charging
by KD5NWA <KD5NWA@cbayona.com>
47) [153505] 160m PSK31 frequency
by Alex <kr1st@amsat.org>
48) [153506] Re: Capacitor checker
by Steve.Lawrence@ITWFEG.COM
49) [153507] Fwd: TenTec Argonaut V Software Update
by Bob Brown <bobbrown@fast.net>
50) [153508] Re: Fwd: TenTec Argonaut V Software Update
by Dale Botkin <dale@botkin.org>
51) [153509] Re: 60 meters
by "Michael C. Boatright" <ko4wx@mindspring.com>
52) [153510] Re: First 60m QSO
by "Michael C. Boatright" <ko4wx@mindspring.com>
53) [153511] Does my Norcal BLT needs more capacitance?
by "Brockwell, Stephen E. CECOM SEC FSSE GPI"
<steve.brockwell@us.army.mil>
54) [153512] RE: FD "Tick... Boom"
by "Paul Ermisch" <paul@ermisch.com>
55) [153513] Answer to yesterday's question
by Larry East <w1hue@amsat.org>
56) [153514] Re: Does my Norcal BLT needs more capacitance?
by "Lee Mairs" <lmairs@direcway.com>
57) [153515] 60 Meter mod for TS-570D(G)
by "Bill Jones" <kd7s@psnw.com>
58) [153516] Field Day Soap Box
by Karl Larsen <k5di@msn.com>
59) [153517] Re: First 60m QSO
by "Michael C. Boatright" <ko4wx@mindspring.com>
60) [153518] Re: Answer to yesterday's question
by Alex <kr1st@amsat.org>
61) [153519] Re: 60 Meter mod for TS-570D(G)
by Dale Botkin <dale@botkin.org>
62) [153520] Re: Does my Norcal BLT needs more capacitance?
by "Noyce, Bill" <william.noyce@hp.com>
63) [153521] Iowa QRP Club CW Net
by mark.milburn@juno.com
64) [153522] Matching diodes for mixers
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
65) [153523] PDF vs DJVU AND Front-end project of mine...
by Ed Tanton <n4xy@earthlink.net>

- 66) [153524]
by "Tom Bowman" <wa3rey@comcast.net>
- 67) [153525] First 60 meter Contact
by Karl Larsen <k5di@msn.com>
- 68) [153526] RE: 75 meter qrp ssb transceiver update
by "Tom Bowman" <wa3rey@comcast.net>
- 69) [153527] Re: Matching diodes for mixers
by Ed Tanton <n4xy@earthlink.net>
- 70) [153528] Re: Does my Norcal BLT needs more capacitance?
by "Sverre Holm" <la3za@qsl.net>
- 71) [153529] WOW info from G3R00
by K5BDZ@aol.com
- 72) [153530] 5MHz INFO
by Ed Tanton <n4xy@earthlink.net>
- 73) [153531] Re: PDF vs DJVU AND Front-end project of mine...
by "Leon Heller" <leon_heller@hotmail.com>
- 74) [153532] Sold: AL7FS PSK-80 Warbler - 80 meter PSK-31 transceiver]
by Jim Larsen <JimLarsen2002@alaska.net>
- 75) [153533] Trip Announcement: July 5 thru July 12th
by Mark Schoonover <schoon@amgt.com>
- 76) [153534] Re: 5MHz INFO
by Karl Larsen <k5di@msn.com>
- 77) [153535] Radio Shack Headset
by Bob Patten <n4bp@bellsouth.net>
- 78) [153536] Two more goodies found in that rural mailbox...it's been a QRP week !
by "Bill, N4QA" <n4qa@hotmail.com>
- 79) [153537] Re: 60 Meter mod for TS-570D(G)
by William R Colbert <w5xe@juno.com>
- 80) [153538] Re: Trip Announcement: July 5 thru July 12th
by Karl Larsen <k5di@msn.com>
- 81) [153539] RE: Trip Announcement: July 5 thru July 12th
by Mark Schoonover <schoon@amgt.com>
- 82) [153540] Re: 5MHz INFO
by Ed Tanton <n4xy@earthlink.net>
- 83) [153541] Re: Matching diodes for mixers
by Steven Weber <kd1jv@moose.ncia.net>
- 84) [153542] Re: SWL RIT Kit
by R F Hotz <42hotrodz@sbcglobal.net>

Date: Wed, 2 Jul 2003 19:12:51 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: <w1hue@amsat.org>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [153459] RE: 75 meter qrp ssb transceiver update
Message-ID: <000201c340ef\$76efe320\$7e01a8c0@hq.cmp.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup! The guy must have imbibed a few too many 807s while he was drawing the diagram. As drawn, the collectors are driven, with the bases delivering RF! Oh my.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Larry East
Sent: Wednesday, July 02, 2003 2:39 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 75 meter qrp ssb transceiver update

At 07:03 PM 7/1/03 -0400, <adamsmed2@cableone.net> wrote:
> Good News! The schematics and programs for the ssb qrp transceiver are
> now available on the qrp.pops site.
> The web address is <http://www.qrp.pops.net/> for the site
> homepage. To go directly to the schematics and info page the address is
> <http://www.qrp.pops.net/idaho.htm>

Notice anything strange about the "optional 500mW amplifier" schematic? :-)

(Answer tomorrow, if someone else doesn't spot it... :-)

Date: Wed, 2 Jul 2003 19:18:01 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: <carlseye@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153460] RE: Capacitor checker
Message-ID: <000301c340f0\$2f8b68a0\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The neat thing about the ol' Heathkits, Eicos, and other cap bridges is that you could apply a few hundred volts to the capacitor-under-test and quickly determine if there was excessive leakage at that voltage (the one I have uses a "magic eye" tube for that purpose). Some caps are FB at low voltages, but break down under HV.

This may not be an issue with solid-state homebrew gear, but then again, you didn't say what your application was. For that reason, I use both a digital "DMM-like" C meter, as well as my trusty old Eico bridge. I also work on boatanchor restoration. :-)

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
carl seyersdahl
Sent: Wednesday, July 02, 2003 5:48 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Capacitor checker

I don't wish to appear too selective , BUT, I don't think you'll find a better (inexpensive) LC meter than what Neil has to offer at aade.com. I've had one for several years and for our(ham) use I don't think you'll find anything better!!!

Date: Wed, 2 Jul 2003 19:03:47 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153461] Re: 75 meter qrp ssb transceiver update
Message-ID: <009e01c34107\$5761f580\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, that jumped out at me too, but then I thought, "He meant to do that". Output on the left and input on the right, but I still don't see a glaring

error. Is there something else?

72--Nick, WA5BDU

> Yup! The guy must have imbibed a few too many 807s while he was drawing
the
> diagram. As drawn, the collectors are driven, with the bases delivering
RF!
> Oh my.
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
>
> Notice anything strange about the "optional 500mW amplifier" schematic?
:-)
>
> (Answer tomorrow, if someone else doesn't spot it... :-)
>
>

Date: Wed, 02 Jul 2003 20:11:12 -0400
From: john <johnmb@nc.rr.com>
To: ARDUJENSKI@aol.com, qrp-l@lehigh.edu
Subject: [153462] SST-20
Message-ID: <3.0.3.32.20030702201112.025bab48@pop-server.nc.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Alan,

I've used the SST20 ,with a double crystal mod, which, in conjunction with
a SPDT switch to change Varactors provides about 40kc worth of 20m

I love the rig!

I broadened up the filter a bit with a cap change and have used it in casual
use as well as in the WPX contest at home (with a very modest beam, worked
19 countries in a couple hours in VERY busy 20m QRO - land!) and last
weekend in Field Day (20 stations in a little over an hour, fanny pack
portable
running off batteries and a dipole flung up about 30 feet).

I really like the rig. Worked first try out of the box, is very compact, and is a very manageable rig even in such a tiny box.

It's a great little rig!

John K5M0

Date: Wed, 2 Jul 2003 19:04:20 -0500
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [153463] Four State FD Report
Message-ID: <000101c340f6\$a7f48be0\$70a033d8@XPComputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Gang:

The Four State QRP Group had a great Field Day last weekend. Might not have made a high score, but we sure had fun!

The photo report is available for viewing at: <http://4sqr.com/>

By the way, if you are having trouble accessing the previously published link to the KD1JV "Tenna Dipper" kits that are available from Four State, use the <http://4sqr.com/> URL to get there. My web hosting company for w0ch.com is offline. The w0ch.net mirror is working fine.

72, Dave =20

David Bixler W0CH
Seneca, Missouri
W0CH QRP Web Site: <http://w0ch.net> or sometimes <http://w0ch.com>=20
Four State QRP Group: <http://4sqr.com>

QRP: Little Radios, Big Fun!=20

Date: Wed, 2 Jul 2003 19:07:33 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <jnall01@alltel.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153464] Re: Capacitor checker

Message-ID: <00a501c34107\$dddfc93c0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just for checking values, you can't beat the AADE, although it's a bit expensive for casual use. One problem is that it doesn't cover the big electrolytics in its range. Big plus is, it DOES cover the really small ones down to a pF.

I use the AADE when I need accuracy and the C input of my RS DVM when I need to measure electrolytics.

With vintage 450 volt (or so) electros, I'll also hook up a variable supply and measure leakage current while cranking up the voltage.

72--Nick, WA5BDU

----- Original Message -----
From: "John Nall" <jnall01@alltel.net>

> I've got a bunch of old capacitors of various types, and from time to time
> wish to use one in some little project or other. Since they are so old, I
> never know for sure whether or not one is good though.
>

Date: Wed, 2 Jul 2003 20:07:34 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153465] RE: 75 meter qrp ssb transceiver update
Message-ID: <000b01c340f7\$1b1a15e0\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You're right Nick!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Nick Kennedy
Sent: Wednesday, July 02, 2003 10:04 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 75 meter qrp ssb transceiver update

Well, that jumped out at me too, but then I thought, "He meant to do that". Output on the left and input on the right, but I still don't see a glaring error. Is there something else?

72--Nick, WA5BDU

> Yup! The guy must have imbibed a few too many 807s while he was drawing the
> diagram. As drawn, the collectors are driven, with the bases delivering RF!
> Oh my.
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
>
> Notice anything strange about the "optional 500mW amplifier" schematic? :-)
>
> (Answer tomorrow, if someone else doesn't spot it... :-)
>
>

Date: Wed, 2 Jul 2003 17:24:54 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: "Walter D. Amos" <waltk8cvamosqrp@gbronline.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153466] Re: [Elecraft] Talk about Mojo
Message-ID: <001101c340f9\$87cb2e20\$f7811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And you can get a vanity call if you pass 5 wpm! now thats incentive(ah, whats the use)?

----- Original Message -----

From: "Walter D. Amos" <waltk8cvamosqrp@gbronline.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 02, 2003 10:13 AM
Subject: Re: [Elecraft] Talk about Mojo

> Are there still NOVICES ?
>
> Is there even a NOVICE band ?
>
> I thought the CANADIANS got it ?
>
> Can't you get a EXTRA now with 5 WPM ?
>
> I thought all of the above was true, how could I be so wrong ?
>
> Walt K8CV Royal Oak, Mi.
>
>
>

Date: Wed, 02 Jul 2003 20:49:19 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [153467] NEQRP CW Net, Thursday, 3 July 03, 08:30 PM EDT, 3.565 MHz
Message-ID: <3F037D8F.8040907@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 3 July 2003, at 8:30 PM EDT (00:30Z, 4 July 03) on or near 3.565 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Conditions last week were relatively good, with some QRN locally. We had a total of nine participants in the net:

WA1CFX	Howard	Jamaica Plains, MA	559
W1CFI	Paul	Falmouth, MA	579/QSB

N1ZSW	Ron	Worcester, MA	569
W2SH	Charles	Millington, NJ	599
K1QHQ	Joe	Newton, MA	599
WA8BXN	Mike	nr Cleveland, OH	559/QRN
AB1CW	Ed	Tyngsboro, MA	599
WB1HBE	John	Chelmsford, MA	599
K1CL	Chuck	Chelmsford, MA	net op

Welcome to Joe; I think this was your first check-in to the net. And thanks to everyone for QNI'ing. Hope to hear you all during this week's net. Might be a bit noisy, though, with possible thunderstorms throughout the Northeast.

72 DE K1CL,
Chuck

Date: Wed, 2 Jul 2003 20:58:43 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [153468] Computer headset to Icom 706MK2
Message-ID: <20030702.205911.3710.1.kc8aon@juno.com>

Anyone ever connect a computer headset/boommic to an Icom 706MK2 ? If so, please share the details with me about how you did it and reply off the list.

Thanks !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
QRP-L #2112, FPqrp #33, AR QRP #269
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 2 Jul 2003 20:14:02 -0500
From: "Jay Bromley" <jayw5jay@cox-internet.com>

To: <qrp-1@Lehigh.EDU>
Cc: <4sqrp@mailman.qth.net>
Subject: [153469] FSQRP/4SQRP Announcement
Message-ID: <008001c34100\$6411cf00\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This following is a joint QRP-L news release from Jay Bromley, W5JAY and David Bixler, W0CH:

Hi QRP-L Gang,
A more lengthy follow up announcement is forth coming from me, but we needed to get this announcement out so plans can move forward. I am getting ahead of myself, please forgive me. I want to thank the Fort Smith QRP Group and everyone for the opportunity to serve the QRP community as organizer for the popular QRP forum called Arkiecon that has been held in Fort Smith, Ar. since 1999. It has been a very hard decision for me, but I have decided to pass the baton over to the very capable Four State QRP Group. I can't think of a better group to continue this fine tradition. I am sure it will be more successful than ever! I will be winding down the current Fort Smith QRP Kits. As the remaining parts run out I will end the current kits and turn the Tuna Tin II, etc, back to NorCal QRP (now AM-QRP). For more info on the Fort Smith QRP kits go to: <http://www.w5jay.net/kits/kits.htm>

The Four State QRP Group is pleased to announce that the successor to ArkieCon will be the OzarkCon QRP Convention, to be held at Joplin, Missouri on April 9 and 10, 2004. OzarkCon will be timed to coincide with the Joplin hamfest and will be similar to the highly successful ArkieCon format.

Sales of the KD1JV "Tenna Dipper" kit will be used to promote QRP and home building through OzarkCon 2004. The 4SQRP Group wishes to thank Steve Weber, KD1JV, for his support, without which OzarkCon 2004 would never be possible.

We also wish to acknowledge the support and guidance of Doug Hendricks, KI6DS and the American QRP Club in making OzarkCon 2004 the official mid-America AM-QRP Club convention.

More information and details about OzarkCon 2004 will be released in following months via QRP-L and the 4SQRP websites:

<http://www.4sqrp.com> and <http://www.ozarkcon.com>

Thank you.

72 from Jay W5JAY and Dave W0CH

Date: Thu, 3 Jul 2003 01:34:01 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, LL11142@aol.com, qrp-1@Lehigh.EDU,
REDDENISON@aol.com, rick@morelr.com
Subject: [153470] bring to Field Day this weekend
Message-ID: <20030702.183415.2373.661926@webmail01.lax.unttd.com>
Content-Type: text/plain

High y all
If humor offends u, stop reading... :-)

While at a qrp get together back in the swamps of Maine... ah heard this
little qrp group singing this song....

Oh drop kick me Jesus over the qro of life
from beginning to end
without all that strife.....
right through qrp s
righteous up rights

oh drop kick me jesus over the qro of life

give me a signal
neither heavy or light...
But just right, for the op
on the other end tonite...

Oh drop kick me jesus over the qro of life

my battery is low
but my mind is right
drop kick me jesus
through qrp s delight

Yes, drop kick me jesus through the qro tonite...

Now iff in u come to field day this weekend
try and remember this song as it will be our theme song

sung throughout the contest.....

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 2 Jul 2003 19:36:06 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: David Bixler <qrp@netins.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153471] Re: Four State FD Report
Message-ID: <Pine.LNX.4.44.0307021934060.2334-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi David, you need to explain Which 4 States. If you have a map check out NM,AZ,UT,CO which share a few spoons of earth in a corner.

On Wed, 2 Jul 2003, David Bixler wrote:

> Hi Gang:
>
> The Four State QRP Group had a great Field Day last weekend. Might not
> have made a high score, but we sure had fun!
>
> The photo report is available for viewing at: <http://4sqr.com/>
>
> By the way, if you are having trouble accessing the previously published
> link to the KD1JV "Tenna Dipper" kits that are available from Four
> State, use the <http://4sqr.com/> URL to get there. My web hosting
> company for w0ch.com is offline. The w0ch.net mirror is working fine.
>
> 72, Dave
>
> David Bixler W0CH
> Seneca, Missouri
> W0CH QRP Web Site: <http://w0ch.net> or sometimes <http://w0ch.com>
> Four State QRP Group: <http://4sqr.com>
>

> QRP: Little Radios, Big Fun!

>

>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 2 Jul 2003 20:54:35 -0500

From: "George, W5YR" <w5yr@att.net>

To: <jayw5jay@cox-internet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [153472] Re: FSQRP/4SQRP Announcement

Message-ID: <02a001c34106\$0e5952d0\$0401a8c0@PS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Good job, Jay! Proud of you and for you . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Jay Bromley" <jayw5jay@cox-internet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, July 02, 2003 8:14 PM

Subject: FSQRP/4SQRP Announcement

>

> This following is a joint QRP-L news release from Jay Bromley, W5JAY and

> David Bixler, W0CH:

Date: Wed, 2 Jul 2003 20:57:55 -0500
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [153473] Which 4 State Area
Message-ID: <04ea01c34106\$85fb3d30\$9fc03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl:
Mo., Ks., Ok and Ar makes up the 4SQR Group.

Gene N0MQ

Date: Wed, 02 Jul 2003 21:26:47 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: <ai2q@adelphia.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153474] Re: [ham] RE: 75 meter qrp ssb transceiver update
Message-ID: <5.2.0.9.0.20030702212603.00a8cc58@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It's just drawn right to left instead of left to right, no biggie.

At 06:12 PM 7/2/2003, AI2Q wrote:

>Yup! The guy must have imbibed a few too many 807s while he was drawing the
>diagram. As drawn, the collectors are driven, with the bases delivering RF!
>Oh my.

>
>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
><http://users.adelphia.net/~alexmm/ai2q.htm>

>

> .-.-.

>

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

>Larry East

>Sent: Wednesday, July 02, 2003 2:39 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: 75 meter qrp ssb transceiver update

>

>

>At 07:03 PM 7/1/03 -0400, <adamsmed2@cableone.net> wrote:
> > Good News! The schematics and programs for the ssb qrp transceiver are
> >now available on the qrp.pops site.
> >The web address is <http://www.qrp.pops.net/> for the site
> >homepage. To go directly to the schematics and info page the address is
> ><http://www.qrp.pops.net/idaho.htm>
>
>Notice anything strange about the "optional 500mW amplifier" schematic? :-)
>
>(Answer tomorrow, if someone else doesn't spot it... :-)

Cecil
KD5NWA

Date: Wed, 2 Jul 2003 21:33:09 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153475] Re: FSQRP/4SQRP Announcement
Message-ID: <010e01c3411c\$34e63e20\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joplin, here I come.

TNX Jay, Fort Smith, Dave, & 4SQRP.

72--Nick, WA5BDU
at the southern edge
of the Ozarks

Date: Wed, 02 Jul 2003 22:42:49 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [153476] DSW-II-20-RTTY interface progress...the BUS SWITCH !
Message-ID: <BAY1-F164s9aAOPpBpc0000cb3c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Tonight, managed to tack down the Pericom bus switch and made power and ground connections to it...2 wires down, 4 to go. Did tin the remaining leads.

Used some of that 20 ga. ribbon cable for the power lead, and a cut-off resistor lead, soldered to the underside of some perfboard, which now serves as the ground connection and as the anchor for the bus switch device.

The six-lead 'SOTiny' device is just over 2 mm long and its lead pitch is 0.95 mm. Looks wide-spaced, next to the Fairchild buffer chip whose lead pitch is 0.5 mm.

Still, that 20 ga. 'hookup' wire looks like a log, through the glasses.

Yawn...well, three-day weekend coming up...*maybe* finish the hardware interface prototype before too much longer...then, have to get started on the software...

73.

Bill, N4QA

<http://www.n4qa.com>

Help STOP SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Wed, 2 Jul 2003 22:46:18 -0400
From: "Joe Roof" <jroof@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [153477] Re: bring to Field Day this weekend
Message-ID: <001b01c3410d\$479d0940\$6401a8c0@joe>

Humor?

Joe, w4jhr

Date: Wed, 02 Jul 2003 21:46:26 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: jayw5jay@cox-internet.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153478] Re: FSQRP/4SQRP Announcement
Message-ID: <3.0.2.32.20030702214626.006f8178@mail.9plus.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Jay and all,

Thanks to you and the folks at Ft. Smith for ArkieCon. Margie and I have enjoyed our weekends there the past 3 conventions.

Congratulations to the 4SQRP group for picking up the baton and the beginning of OzarCon. Margie figured out that Branson is about 50 miles away so she's looking forward to the weekends in Joplin and vicinity too.

See y'all in April 2004.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Wed, 2 Jul 2003 22:48:00 -0400
From: "Michael A. Ostrowski" <KI8IK@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153479] RE: Capacitor checker
Message-ID: <NFBBLKICMLDIENKFMIBGEEJCCAA.KI8IK@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John -

Check FAR Circuits <http://www.farcircuits.net/>
They have several boards available for capacitor testers, and info on where the projects were originally published. The only problem with building a cap tester from a kit is that you will usually need a calibrated capacitor to calibrate it!

For those looking for a commercial unit, I came across an interesting LCR meter advertised in May's Practical Electronics magazine - <http://www.peakelec.co.uk/>. It has a decent range and 1% accuracy; with the currency conversion it comes in at about \$130 shipped.

73,
Mike - KI8IK
Saline, MI

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Nick Kennedy
Sent: Wednesday, July 02, 2003 10:08 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Capacitor checker

Just for checking values, you can't beat the AADE, although it's a bit expensive for casual use. One problem is that it doesn't cover the big electrolytics in its range. Big plus is, it DOES cover the really small ones down to a pF.

I use the AADE when I need accuracy and the C input of my RS DVM when I need to measure electrolytics.

With vintage 450 volt (or so) electros, I'll also hook up a variable supply and measure leakage current while cranking up the voltage.

72--Nick, WA5BDU

----- Original Message -----

From: "John Nall" <jnall01@alltel.net>

> I've got a bunch of old capacitors of various types, and from time to time
> wish to use one in some little project or other. Since they are so old, I
> never know for sure whether or not one is good though.
>

Date: Wed, 2 Jul 2003 21:57:06 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <ARDUJENSKI@aol.com>, <qrp-1@Lehigh.EDU>, <WCARC@yahoogroups.com>
Subject: [153480] Re: Ur field day As Austin Amateur Radio Clubs battery entry, W5TQ 3A
Message-ID: <037101c3410e\$cb77f5d0\$4e100a0a@rohredt2000>

Hi Alan,

We did not do as well as last year. Became a laid back effort by our groups.

Various reasons: GOTA guy canceled due to business trip last minute.
PSK guy had his I/O burn up when he tried
to hook up, think he got signal and DC ground and inverter ground all

crossed up in a big ground loop. He was using an inverter for his CRT/ CPU off same battery as rest of his station, and something was miswired, that was not in the ground path at his shack. (Where he runs computer on AC).

The 20m loop was made over 200 feet larger around this year. About 1050 feet, 20 feet high. Despite Cebik's fine paper and its cautions on HOHPL's, we got it too narrow e -west, and too large for 20m. I read the paper when you sent it to me, and again later, and then forgot some of what he said when Mike designed his Big Loop.

Was a bear to erect and tension longest legs, and was bear to tune. Finally discovered we needed to use external balun, NOT the built in baluns of tuner. Got it to 1.2 :1 on lower end of 20, 2.8:1 on high end. Very low Q one tuner setting, did whole band. Only used B (lower inductor setting) of Dentron tuner. Same for B&W 300 w tuner on 660 foot loop. It had to move up the hill this year, so was in cluttered area encompassing oak trees, school sports backstops, etc. Too many nearby conductors under and around it. Also more narrow than last year, so both big loops suffered with bias on North to South line. (Per inspection of sections worked.) The 1050 foot loop was on whole of football field and south end zone in diamond shape roughly, and that was too narrow for all directional work.

The 40m loop was unchanged and worked better than last year! 20 feet over basketball court, 330 feet around, NE corner fed with ladder line. Manned it all night, and it won most Q's. So, we learned: Loops should be symmetric or East and West here for FD, and Loops can be too big to work well on harmonics, and you need two differing antennas as the bands continue to decline with sunspots. All in the HOHPL paper by L. B. Cebik, (except sunspots part).

We saw 20m go dead from 2:30 AM to 8AM! Never before saw that on FD! 20 had always been our bread and butter band. We also lost an hour or more to the tune up woes of the bigger loop on 20.

And some ops do not know how to set mike gain, and keep cranking on it until ALC light stays on, which means they are splattering power all over, and not getting called back. I kept going by the Ten Tecs and turning down the mike gains when I saw the ALC on.

10 was dead ALL Sat., (even on 660 loop that pulled out 33 Q's last year, when nothing could be heard on a dipole quarter wave high.) Finally worked some 10 m ssb on vertical balloon antenna Sun. AM.

I personally, on Sun early, worked WY on 80m SSB 660 loop, with my Scout at 5 watts. That was a surprise. Used that Scout also on 10m, 15m as well as 80m. All SSB.

The 20m station used my Argonaut V, and it is a honey of a rig except the mode indicator leds wash out in Texas sun! Need black shadow box for the

display. The Argonaut has a speech processor I did not know about until Sun.! Its cw adjustments are awesome, I never had a rig with variable tone sidetone before, nor variable volume between sidetone and QSK Rcv sig. We used a 1943 US Army bug on it, operated by W5SI0, Jim Rudd, a gentleman and ace antenna helper. It was Jim's bug from his 1943 airborne radio op days in a C47!

We worked HI twice on the 40m SSB 330 foot loop, still only 20 feet high. We gave the all nite one man op, the "Ham of the Month" last nite at Repeater meeting.

My best run of Q's was on Sun. 18 minutes before end of FD, when I ran on hunt and pounce on 15m SSB to get 11 contacts for the solar charged battery bonus points.

As co-ordinator, I did not have time to operate otherwise, except when bands went dead!

We got all the bonus points save GOTA. Demo modes included ATV qrp, (naturally), APRS, packet node, and HSMM, (qrp, high speed multi media TV and digital text on 2.4 GHZ over a 3 block path. Worked Satellite with W50E at helm for 10 SSB contacts QRP on AO 40.

You should see the arrays of beams he brings out for that! There was more power in his AZ/EI drives than the transceiver.

We again had fewer ops this year. Some were drained off by the club's 1A QRO station on the same school ground. We had it 75 yards from the others. Few QRM problems unless both got on same band and mode. They were W5KA this year, and W5TQ was the 3A battery entry. TQ is harder to say on phone than KA! REALLY! And we all were so used to KA, we kept forgetting to say TQ! Missed Q's that way.

Well that was the way it was, Field Day 2003!

-Stuart
K5KVH

Date: Wed, 2 Jul 2003 22:28:38 -0500
From: "=?iso-8859-1?B?XCivYLCuuLguFj5NaWt1PH4uuLgut7SvXCk=?<n9ivo@comcast.net>
To: <qrp-1@lehigh.edu>
Subject: [153481] Re: NI-MH batteries charging
Message-ID: <001401c34113\$315f9e80\$0100a8c0@cb528392a>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This charger will charge NiCd's or NiMH batteries. AAA, AA, C, D, and 9volt and it even detects if you put in alkalines by mistake!

\$25 at Radio Shack or <http://www.radioshack.com> .

Catalog 23-425

Here's the link, if it doesn't get broken up on the way to you..

<http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F009%5F012%5F000%5F000&product%5Fid=23%2D425>

Good luck..

Mike N9IVO

e-mail: n9ivo at comcast dot net
web: <http://home.attbi.com/~n9ivo>

Date: Wed, 2 Jul 2003 22:01:18 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [153482] FD "Tick... Boom"
Message-ID: <001901c34120\$2439ea00\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You may be asking yourself what this is about? It was something I observed this past weekend during my Field Day operation. Let me explain. . .

In a previous message I described how the terrible fires in the Santa Catalina Mountains have altered my Field Day plans the past 2 years. Saturday morning I loaded up the truck with camping stuff, radio gear, and my friend Jim. We headed south and ended up not far from the Mexican boarder. The weather in the mountains where we were settled to camp was changing from sunny skies to cloud build-up. While stringing up the secret weapon antenna we began to hear thunder claps off in the distance. I mentioned to Jim that stringing up an antenna with an approaching storm probably wasn't a good idea, so we temporarily stopped.

A little later it quieted and we continued stringing up the antenna. This time we managed to get it installed in a couple of Ponderosas, and the radio gear was connected up shortly thereafter. Field Day was already an hour in progress when I began to listen on 20 meter CW. Almost immediately, I heard a loud "tick" from the K2 speaker which was followed a second or two later by a "boom" that loudly rang out across the mountains. Instead of running for cover, I continued to tune. Then, another "tick" rang from the speaker, and I observed the K2's LCD display flip through to another menu on its own. That was immediately followed by another, stronger "boom."

I whipped the feedline off the back of the K2 and Jim and I ran for the truck. That one sounded close. The lightning appeared to be cloud-to-cloud, but we weren't going to take any more chances. In fact, it was kind of a touch-and-go operation on Saturday afternoon as we worked around the storms. The K2 worked fine and didn't receive any damage.

We had a lot of other interesting things happen this Field Day that will make it a memorable one. We were half eaten by horseflies, nearly blown away by wind during the night, went on a great hike where we got rained on (it was refreshing), made a couple hundred CW QSO's - about 75% on 20 meters, played with a walking stick as it walked up the feedline to the back of the K2, and worked a number of QRP'ers who frequent this list and the FOX hunts.

Field Day 2003 was a blast!

Regards, Thomas - AC7A (Tucson)

Date: Wed, 2 Jul 2003 23:10:14 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-l@Lehigh.EDU
Subject: [153483] THE "TOO MUCH STUFF" FOR SALE STATUS REPORT
Message-ID: <PAEBJJIDFMKPNNHIEDIICEDECAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

THE "TOO MUCH STUFF" FOR SALE STATUS REPORT:

WM-1 QRP Wattmeter - SOLD
Wilderness Sierra w/KC-2 Keyer-Digital Readout & 8 Bands - SOLD
Small Wonder Labs SW-30 CW XCVR SOLD

STILL FOR SALE:

Oak Hills Research OHR500 CW XCVR - \$310
MFJ-971 - 1.8 - 30 MHz 200 Watt Portable Antenna Tuner - \$75
Small Wonder Labs SW-40 CW XCVR - \$55
YAesu FT-90R VHF/UHF Dual Band FM Transceiver - \$300

Prices include insured UPS Ground shipping to CONUS

Please let me know if you are interested in any of these items and whether you need more info on them.

72 Dick AB0CD
schneiderdick@qwest.net

Date: Wed, 2 Jul 2003 22:16:41 -0700
From: "KD7SNX Rob. C" <kd7snx@earthlink.net>
To: "message post" <qrp-1@lehigh.edu>
Subject: [153484] web page link
Message-ID: <000501c34122\$4a6f2f80\$d028b83f@Cravers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

does any one have a web page with a good explanation of 'what ham radio' is, because I am currently putting up my web page and I want to have a link to, a good 'what is ham radio' page. so does anyone have or know of a good page? my web page is www.qsl.net/kd7snx if anyone want to check it out. fyi it is not completely done
Rob C.
KD7SNX

Date: Wed, 02 Jul 2003 23:02:05 -0800
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>, NJQRP-L <njqrp@njqrp.org>
Subject: [153485] For Sale: AL7FS PSK-80 Warbler - 80 meter PSK-31 transceiver
Message-ID: <3F03D4ED.1000502@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have a PSK-80 Warbler - 80 meter PSK-31 transceiver for sale. I built up the board but never hooked it up or mounted it in a case. Alaska is just not the right place for 80 meter PSK-31.

The manual and Kit notes are available at
<http://www.njqrp.org/warbler/index.html>

I am printing out a fresh copy of the manual to send with this board.

Asking \$45 and I will pay priority mail shipping in the US.

These are also still available from Small Wonder Labs at
<http://www.smallwonderlabs.com/>
and was featured in March 2001 QST.

73, Jim

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs>

GENERAL INFO:

The PSK-80 Warbler is a little brother to the popular PSK-20 PSK31 transceiver designed by Dave Benson, NN1G in 1999. This time, Dave simplified his design and took advantage of inexpensive crystals for a popular 80m frequency to create the "PSK-80".

As it turns out, 80m is a great band for local (200 mile radius) communications, and the PSK-80 Warbler is the perfect, narrow band, low power rig for club round table QSOs and regular fireside skeds with your friends.

SPECIFICATIONS:

- Double-sided PCB 3" x 4.5", plated-thru-holes, solder masked & silkscreened for easy assembly
- Fixed 1 KHz band from 3580-3581 KHz
- 4W PEP output

- Interfaces with your computer's soundcard and serial interface
- 20 page Technical Manual for detailed Theory of Operation, Assembly Instructions, Set-up and Usage
- Special bonus section in manual: "PSK-31 & DigiPan Primer"
- All on-board parts supplied in kit (as pictured here)
- Add a computer and an 80m antenna and you'll be on the air with PSK31
- No drift, no VFO tuning, no muss, no fuss!
- Design uses 2 surface mount SA612 mixers ... easy to solder down, and (most of all) available in great quantity ...no parts shortages!

Date: Thu, 3 Jul 2003 05:55:45 +0000
 From: ve3ab@mail.mondenet.com
 To: qrp-1@lehigh.edu
 Subject: [153486] headset/mic w/vox on sale at radio store
 Message-ID: <200307030955.h639twSt011669@barclay.mondenet.com>
 MIME-Version: 1.0
 Content-type: text/plain; charset=US-ASCII
 Content-transfer-encoding: 7BIT

Bought a nifty communications headphones with mic and Vox control at Rat Shack..yesterday on sale for roughly 40 percent off. Im going to try this with my Index Labs rig and maybe the argo. it is an elecret mic (about 2k impedance). The vox has a high/low setting. The fellow at RS said it was discontinued. Im here in Canada ..dont know abuot USA though. 73 Earl Ve3ab (price was a very reasonable \$19.95)

Date: Thu, 3 Jul 2003 12:01:53 +0200
 From: "Sverre Holm" <la3za@qsl.net>
 To: <qrp-1@Lehigh.EDU>
 Subject: [153487] Re: AT Sprint RF Gain Control
 Message-ID: <001301c3414a\$214bd8b0\$8e00a8c0@Master>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="us-ascii"
 Content-Transfer-Encoding: 7bit

> See <http://www.qsl.net/la3za/ATSprint.html> for a description, pictures
 > will come when I can borrow a camera.

Now the picture is there.

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Thu, 3 Jul 2003 12:01:53 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [153488] Re: [ham] RE: 75 meter qrp ssb transceiver update
Message-ID: <001401c3414a\$21b548e0\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

> KD5NWA
> It's just drawn right to left instead of left to right, no biggie.

.... with PNP 2N2222's

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Thu, 3 Jul 2003 06:06:14 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <la3za@qsl.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153489] Re: [ham] RE: 75 meter qrp ssb transceiver update
Message-ID: <002a01c34163\$e695ca90\$0400000a@wa5bdu>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nope, they look like NPNs to me.

Lets keep guessing. Is it something to do with the transformer ratios? Can you do a 2:1 with trifilar windings?

72--Nick, WA5BDU

----- Original Message -----

From: "Sverre Holm" <la3za@qsl.net>

> > KD5NWA
> > It's just drawn right to left instead of left to right, no biggie.
>
> with PNP 2N2222's

Date: Thu, 3 Jul 2003 06:17:36 -0500
From: Bud Rogers <budr@sirinet.net>
To: qrp-l@Lehigh.EDU
Subject: [153490] Re: web page link
Message-ID: <200307030617.36707.budr@sirinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Thursday 03 July 2003 00:16, KD7SNX Rob. C wrote:

> does any one have a web page with a good explanation of 'what ham
> radio' is, because I am currently putting up my web page and I want
> to have a link to, a good 'what is ham radio' page. so does anyone
> have or know of a good page? my web page is www.qsl.net/kd7snx if
> anyone want to check it out. fyi it is not completely done

Hi Rob,

Nice web page. Nice shack, too.

If you do a google search on "what is ham radio" in quotes, you'll get a bunch of links that you might find useful. Two links particularly caught my eye, one at the ARRL website, and one at eHam.net.

<http://www.arrl.org/hamradio.html>
<http://www.eham.net/newham/whatis>

73,

--

Bud Rogers <budr@sirinet.net> KD5SZ

Date: Thu, 3 Jul 2003 05:22:43 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: "KD7SNX Rob. C" <kd7snx@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153491] Re: web page link
Message-ID: <Pine.LNX.4.44.0307030519010.1280-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rob, there is no what ham radio is, because it's many things. I have a friend who does nothing but bounce rf off the moon. It's hard to do so he is busy. We like QRP. Some like psk-31 only, others chase DX with rtty.

On Wed, 2 Jul 2003, KD7SNX Rob. C wrote:

> does any one have a web page with a good explanation of 'what ham radio'
> is, because I am currently putting up my web page and I want to have a link
> to, a good 'what is ham radio' page. so does anyone have or know of a good
> page? my web page is www.qsl.net/kd7snx if anyone want to check it out.
> fyi it is not completely done
> Rob C.
> KD7SNX
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 03 Jul 2003 07:23:05 -0400
From: AA3BP@aol.com
To: qrp-1@lehigh.edu
Subject: [153492] TenTec Argonaut V Software Update

Message-ID: <02E2C6C0.0F5CFCE1.0000C503@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Now that I've decided to purchase the new TT Argo V, I'm debating about timing. I.e., wait until the next production run (whenever that is) and have the 60 meter update done by TT or buy now and do the update myself. (The TT folks have told me that what's on the shelf will arrive without the 60m mod.)

Question: To those of you that have actually done the computer to rig Argo V software update, how did it go? Any surprises or problems? Although I'm computer literate, I'm certainly no "techie". How close is this process to "plug 'n play"?

I'm interested in hearing experiences from those of you that have actually done this.

Thanks & 73,

Jim, AA3BP
Mechanicsburg, PA

Date: Thu, 3 Jul 2003 04:46:13 -0700 (PDT)
From: Patrick Gardella <pgardella@yahoo.com>
To: AA3BP@aol.com, qrp-1@Lehigh.EDU
Subject: [153493] Re: TenTec Argonaut V Software Update
Message-ID: <20030703114613.50161.qmail@web40907.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Jim,

It's about as easy as you can get. Plug in a serial cable from the rig to your computer (standard serial cable). Download the update. Start the rig with one button pushed, I forget which one, to put it into flash mode. Run the update. Do a reset on the rig. And you are up on 60m. Takes all of about 5 minutes.

73,
Patrick N3EO

--- AA3BP@aol.com wrote:

> Now that I've decided to purchase the new TT Argo V, I'm debating about timing.
I.e., wait
> until the next production run (whenever that is) and have the 60 meter update
done by TT or buy
> now and do the update myself. (The TT folks have told me that what's on the
shelf will arrive
> without the 60m mod.)
>
> Question: To those of you that have actually done the computer to rig Argo V
software update,
> how did it go? Any surprises or problems? Although I'm computer literate, I'm
certainly no
> "techie". How close is this process to "plug 'n play"?
>
> I'm interested in hearing experiences from those of you that have actually done
this.
>
> Thanks & 73,
>
> Jim, AA3BP
> Mechanicsburg, PA
>
>

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Thu, 3 Jul 2003 06:54:07 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [153494] Re: TenTec Argonaut V Software Update
Message-ID: <000301c34159\$cf96b0c0\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim,

The Flash updates for the Argonaut V are extremely easy and I've had no
problems. I wouldn't let that be an issue. It is very "plug-n-play"
assuming that you follow the instructions. During this latest update
some users reported some problems that seemed to be corrected when a

master reset was performed (which does not effect any memories). I didn't have any problems.

I think there have been only about two updates since the rig's release so you may have to wait a while for the next one.

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Thu, 3 Jul 2003 06:59:28 -0500
From: "Michael Gusk" <mgusky@bellsouth.net>
To: <AA3BP@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153495] Re: TenTec Argonaut V Software Update
Message-ID: <002301c3415a\$8e82e170\$6401a8c0@michaelzvhs1tl>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim, it's very easy to apply the updated firmware. You download the update and apply via a serial cable between your computer and the Argonaut V. Only takes a few minutes. TT incudes instructions on the update site. I am running Windows XP and didn't have any trouble at all. When completed, you need to perform a master reset before you use the rig.

73
Mike
K5UX

----- Original Message -----
From: <AA3BP@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, July 03, 2003 6:23 AM
Subject: TenTec Argonaut V Software Update

> Now that I've decided to purchase the new TT Argo V, I'm debating about timing. I.e., wait until the next production run (whenever that is) and have the 60 meter update done by TT or buy now and do the update myself.

(The TT folks have told me that what's on the shelf will arrive without the 60m mod.)

>

> Question: To those of you that have actually done the computer to rig Argo V software update, how did it go? Any surprises or problems? Although I'm computer literate, I'm certainly no "techie". How close is this process to "plug 'n play"?

>

> I'm interested in hearing experiences from those of you that have actually done this.

>

> Thanks & 73,

>

> Jim, AA3BP

> Mechanicsburg, PA

>

>

>

Date: Thu, 03 Jul 2003 08:03:15 -0400

From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [153496] Re: bring to Field Day this weekend

Message-ID: <3F041B83.5B1683DE@amsat.org>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

What Field Day?

73,

--Alex KR1ST

Joe Roof wrote:

>

> Humor?

>

> Joe, w4jhr

Date: Thu, 3 Jul 2003 07:03:59 -0500

From: "Steve Yates - AA5TB" <aa5tb@arrl.net>

To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>

Subject: [153497] First 60m QSO
Message-ID: <000501c3415b\$30835a90\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I just had to do it. Made my first 60m QSO at 1156 UTC to WK9L.
Received 59 report from Illinois. Used my Argonaut V at about 20 watts
PEP and my usual inverted-L fed with the SGC SG-237 autotuner.

73,
Steve Yates - AA5TB
Fort Worth, Texas

<http://www.qsl.net/aa5tb/>

Date: Thu, 3 Jul 2003 08:07:20 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153498] July Spartan Sprint Announcement
Message-ID: <00c701c3415b\$a82719b0\$97ac59cf@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Spartan Sprint Contest Monday -

The July Spartan Sprint will be held this coming Monday. The holiday will
be
over and this will be a great way to relax. We will continue our special
recognition for those who operate outdoors. If you operate outdoors,
please note it in your Soapbox comments after the contest.

If it's portable and outdoors, it's Adventure Radio!

The web site has changed. It's now www.ARSqrp.com and you'll find the
autolog there. The autolog page is www.ARSqrp.com/ars/ss_log.html

The change in the web site has also caused a change in our Spartan
Sprint Logger software. A new version is on the web site. If you have
the prior version, you'll only need to replace your current ss-log.exe with

the new ss-log.exe found here

http://69.5.23.180/ars/pages/back_issues/2003_text/0603_text/0603_one.html

The complete package is also available for new installs.

Back to the contest....

The July Spartan Sprint will be held on July 7, 2003 (which is our standard date--the first Monday of the month). It's two hours of fun as you contact other QRP CW stations on 80, 40, 20, 15, and/or 10 meters. The contest starts at 9 pm EDT, 8 pm CDT, 7 pm MDT, and 6 pm PDT. That's 0100-0300 UTC.

The exchange is RST - State - Power (e.g. 559 MI 5W). Contest details and rules are below.

NOTE - The deadline for logs is noon on Wednesday, Pacific Time.

Contest Rule Summary -

You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-.

We commend the winners in two categories--overall points (the Tubby Division), and points per pound (the Skinny Division). We show everyone's score in both categories.

The exchange RST, SPC (state, province or country) and power output.

If you choose to call CQ, use the format "CQ SP".

You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.ARSqrp.com/ars/ss_log.html

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers, batteries, and power supplies used during the Sprint. The specifics of our weight rules for the Skinny Division can be found at:

http://69.5.23.180/ars/pages/spartan_sprints/ss_weight_rules_new.html

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday at noon.

73 de NA8M

John

Contest Manager
Adventure Radio Society

Date: Thu, 3 Jul 2003 08:06:57 -0400
From: kwiike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [153499] Michigan QRP Club July 4th CW Sprint
Message-ID: <0F6BBABD29.24773C41-ON85256D58.00422507@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

2300Z 7/4/02 to 0300Z 7/5/03
See:
<http://www.qsl.net/miqrpclub/contest.html#MICHIGAN%20QRP%20CLUB>

Ed AB8DF

Date: Thu, 03 Jul 2003 08:33:40 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153500] 60 meters
Message-ID: <3F0422A4.E230781D@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

Had a lot of fun operating on 60 meters last night. I modified my IC-718 to open up TX for 60 in the early evening. I definitely need tools for SMT. Except for some digital signal on one of the frequencies and a few folks whistling CW before midnight, it was very quiet. Then right at midnight (EST for me) wall to wall QRM. I think I've never heard that many conversations going on at the same time on one frequency.

One question I didn't hear was, "Is this frequency in use?" :)

I wasn't brave enough to dive into it with just 5 Watts, so I used all 50 of 'em into my coat hanger antenna. Funny thing, tuning is very sharp on 60 meters on this antenna and I actually have to retune for the highest frequency. Anyway, made just 8 contacts because I did need to

get some sleep. Worked Fla to PA from SC. Signals were strong, and propagation was rather interesting. At times I'd hear only a few folks, but a few minutes later it sounded like all of a sudden the band opened up in all directions. I had to run with the attenuator turned on. I made at least one contact on each frequency, so that should be good for a WAF award.

I heard only one station calling who signed /QRP and made the contact. A station in PA was running just 1 Watt on a 150 meter loop and he was a solid S9 with me. It was kind of nice to hear a lot of folks being so surprised that 50 Watts and a simple antenna would get out that well.

I hope others had just as much working on 60 as I did.

73,
--Alex KR1ST

Date: Thu, 3 Jul 2003 10:51:26 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [153501] Atmel AVR-based battery charger
Message-ID: <Law15-DAV215zSDhif9000588ec@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There has been quite a lot of stuff on this list recently about charging NiMH cells. Atmel has an app. note (AVR450) describing two AVR-based charger designs for SLA, NiCd, NiMH and Li-ion batteries.

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Thu, 03 Jul 2003 08:57:05 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153502] Re: headset/mic w/vox on sale at radio store
Message-ID: <3F042821.AA79D53E@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Hi Earl,

I don't know if it's the same one, but a few weeks ago I found that they had the earbud type VOX set on clearance sale for \$2 (two) and the headset with a boom mic with VOX for \$5 (five) at the Radioshacks down here in SC. Bought a 2 meter magmount for just \$15 also.

I just wish they had those red ones (racing type) on close out

73,

--Alex KR1ST

ve3ab@mail.mondenet.com wrote:

>

> Bought a nifty communications headphones with mic and Vox control at
> Rat Shack..yesterday on sale for roughly 40 percent off.

Date: Thu, 03 Jul 2003 10:04:38 -0300
From: Dave Marling <ve1vq@auracom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [153503] RE: 75 meter qrp ssb transceiver update
Message-ID: <5.2.1.1.0.20030703081923.016c1ad0@mail.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Looks to me like the rf comes in from the right side thru the impedance transformer to the bases of the transistors which are biased by the voltage across the 1N914 diode. Amplified rf out the left side thru the 2:1 transformer to the pi network and to the antenna. Drawn unconventionally perhaps for those who are used to the left to right convention.

Dave
VE1VQ

Date: Thu, 03 Jul 2003 08:07:42 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: QRP-l@lehigh.edu
Subject: [153504] Re: [ham] Re: NI-MH batteries charging
Message-ID: <5.2.0.9.0.20030703080717.00a94af8@pop.cbayona.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

If you put the URL inside angle brackets it will not break up, you should always do that, because you don't know what the email program is going to do to the link.

Examples;

<http://4sqrp.com/> and this other link
<http://www.google.com/search?
q=NOICE+debugger&sourceid=opera&num=0&ie=utf-8&oe=utf-8>

This one is really massive, but it should still not break up, and should work.

<http://translate.google.com/translate?hl=en&sl=de&u=http://
www.elektronikladen.de/noice.html&prev=/
search%3Fq%3DNOICE%2Bdebugger%26hl%3Den%26lr%3D%26ie%3DUTF-8%26oe%3Dutf-8>

At 10:28 PM 7/2/2003, you wrote:

> This charger will charge NiCd's or NiMH batteries. AAA, AA, C, D, and 9volt
> and it
> even detects if you put in alkalines by mistake!
>
> \$25 at Radio Shack or <http://www.radioshack.com> .
>
> Catalog 23-425
>
> Here's the link, if it doesn't get broken up on the way to you..
>
>
> <http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F009%5F012%5F000%5F000&product%5Fid=23%2D425>
>
> Good luck..
> Mike N9IVO
>
>
> -----
> e-mail: n9ivo at comcast dot net
> web: <http://home.attbi.com/~n9ivo>
> -----

Cecil
KD5NWA

Date: Thu, 03 Jul 2003 09:21:12 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153505] 160m PSK31 frequency
Message-ID: <3F042DC8.DB4511CE@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

Anyone know where the PSK31 hangout is on 160 meters? I see several frequencies listed on the web, but haven't heard anything on those yet. If you happen to know where the 160 hangout is for other digital modes, then that would be great, too.

73,
--Alex KR1ST

Date: Thu, 3 Jul 2003 09:41:45 -0400
From: Steve.Lawrence@ITWFEG.COM
To: jnall01@alltel.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153506] Re: Capacitor checker
Message-ID: <0F44837B1B.E7D49026-0N85256D58.004A7927-85256D58.004B3B8F@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

John,
I purchased an Atlas LCR40 Passive Component Analyzer from this source earlier this year:

<http://www.anatekcorp.com/testequipment/atlaslcr.htm>

They appear to be the US source for this UK manufactured product.

This is a neat, compact, palm-sized LCR meter capable of measuring:
inductance: 1uH - 10H
capacitance: 0.4pf - 10mF
resistance: 1ohm - 2Mohm
at a 1% accuracy. I carried it to Hamvention to look over variable caps in the flea market. Simple operation. Hook up 2 leads, press button. Device determines if it's a resistor, capacitor, or inductor and displays value.

Source offered prompt service. [usual disclaimer: no interest, just happy customer]

73,
Steve
aa8af

Date: Thu, 03 Jul 2003 09:44:54 -0400
From: Bob Brown <bobbrown@fast.net>
To: qrp-l@lehigh.edu
Subject: [153507] Fwd: TenTec Argonaut V Software Update
Message-ID: <5.1.1.6.0.20030703093936.01c68268@pop.fast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Jim -

I had a minor problem with my update. I have a laptop at my operating position and I've been happily using the N4PY control software for the Argonaut V with a standard serial cable from the rig to the laptop. I'm running Windows 2000 on the laptop.

No matter what I tried I could not get the Ten-Tec update to work off the laptop.

Moved the radio and cable to a Windows XP Pro machine and it worked on the first try. I did the master reset of the radio as described and all is well. Made a few contacts on 60 meters last night with 20 watts with good reports.

73 -

Bob KW3F

Date: Thu, 3 Jul 2003 08:54:00 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Bob Brown <bobbrown@fast.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153508] Re: Fwd: TenTec Argonaut V Software Update
Message-ID: <Pine.LNX.4.33.0307030848470.22369-1000000@madmax.botkin.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 2003, Bob Brown wrote:

> No matter what I tried I could not get the Ten-Tec update to work off the
> laptop.

Some (many) laptops use serial ports that do not conform to EIA-232C signal levels. Some only use 0-5V signalling or other setups that work most of the time, but not all of the time. I have had similar experiences with an IBM laptop and Cisco router gear - sometimes works, sometimes not depending on several factors.

72,
Dale - NOXAS

--

It's a thankless job, but I've got a lot of Karma to burn off.
Get a PicoKeyer: <http://www.hamgadgets.com>

Date: Thu, 03 Jul 2003 09:56:36 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [153509] Re: 60 meters
Message-ID: <5.0.2.1.2.20030703094515.0269fac8@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Alex,

At one point, the guy in PA (W3ZBV--call isn't familiar) dropped his power all the way down to 100mW and I still had good 53 copy on him. I tried giving him a call, but too much cacophony.

Must say, there were a bunch of folks who didn't read the new rules very carefully, because listening to the descriptions of their setups, they were clearly > 50W ERP.

I thought about running my Yaesu FT890 (CAP/MARS modded) at 10W to keep within the QRP ARCI definition of QRP. However, the only real reason I went to the trouble of getting on 60M (ME want a new phone band???) was for ARES related stuff, so I ran it at 20W into my 80M loop (at 70') which I modelled and determined max gain in any direction was 2.88dB. Now that I know I can do it, I'll wait for the K60XV and do it the "proper" way...

Doubt also that some of the folks on the air last night would know that the difference between my 40W ERP and 50W ERP is less than 1dB!

You're right, though, about 3 seconds after "At the tone..." it was bedlam. To be expected, I guess.

Made 3 contacts, Douglas Co. GA (about 60 miles away as the crow flies), Savannah, GA, and Charlotte, NC. 59's all the way around.

72 de Mike, K04WX
Michael C. Boatright

Date: Thu, 03 Jul 2003 09:57:10 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [153510] Re: First 60m QSO
Message-ID: <5.0.2.1.2.20030703095655.026dddc8@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Don't know that I'd told that.

72 de Mike, K04WX
Michael C. Boatright

Date: Thu, 3 Jul 2003 09:08:43 -0500
From: "Brockwell, Stephen E. CECOM SEC FSSE GPI"
<steve.brockwell@us.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [153511] Does my Norcal BLT needs more capacitance?
Message-ID: <D9781901107D6A4AB59B567ED74090B454DF37@pandora.fssec.army.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hello Elmers,

I built one of the Norcal BLT's and that little kit is sweet!

After putting together a 16 foot vertical wire on a 16 foot fishing pole with 3 16 foot radials connected to about 5 feet of 300 ohm twinlead connected to the BLT I find that the closest I can get the tuning on 20m is

with the right hand polyvaricon cap turned all the way to the right. (long sentence!) The LED gets dimmer but does not fully go out and that gives me the feeling that I need more range on the cap.

Should I add a little more capacitance after making sure that the poly's have their trimmer adjust caps fully set to lowest capacitance? Where would I add the caps assuming that I don't really know one end of a polyvaricon from the other?

Listening to the signals while fiddling with the BLT knobs makes a remarkable difference. Most signals go from barely audible to super clear on a SW20+.

Thanks all concerned for the BLT and the continuing learning experience.

Steve
KC5TTY
SW Oklahoma

Date: Thu, 3 Jul 2003 08:00:01 -0600
From: "Paul Ermisch" <paul@ermisch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153512] RE: FD "Tick... Boom"
Message-ID: <NHBBIMAFPBCKANGJGAPDMEKMCCAA.paul@ermisch.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Similar experience at FD site where I participated just east of Denver, Colorado. Late afternoon boomers coming through and the old Johnson Matchbox was clicking away with the static off of the random wire. It was getting into the Omni 6 as well. While removing the wire, we got little RF bites.

Paul KB0LUR

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Thomas Kuehl
Sent: Wednesday, July 02, 2003 11:01 PM
To: Low Power Amateur Radio Discussion
Subject: FD "Tick... Boom"

You may be asking yourself what this is about? It was something I observed

this past weekend during my Field Day operation. Let me explain. . .

In a previous message I described how the terrible fires in the Santa Catalina Mountains have altered my Field Day plans the past 2 years. Saturday morning I loaded up the truck with camping stuff, radio gear, and my friend Jim. We headed south and ended up not far from the Mexican border. The weather in the mountains where we were settled to camp was changing from sunny skies to cloud build-up. While stringing up the secret weapon antenna we began to hear thunder claps off in the distance. I mentioned to Jim that stringing up an antenna with an approaching storm probably wasn't a good idea, so we temporarily stopped.

A little later it quieted and we continued stringing up the antenna. This time we managed to get it installed in a couple of Ponderosas, and the radio gear was connected up shortly thereafter. Field Day was already an hour in progress when I began to listen on 20 meter CW. Almost immediately, I heard a loud "tick" from the K2 speaker which was followed a second or two later by a "boom" that loudly rang out across the mountains. Instead of running for cover, I continued to tune. Then, another "tick" rang from the speaker, and I observed the K2's LCD display flip through to another menu on its own. That was immediately followed by another, stronger "boom."

I whipped the feedline off the back of the K2 and Jim and I ran for the truck. That one sounded close. The lightning appeared to be cloud-to-cloud, but we weren't going to take any more chances. In fact, it was kind of a touch-and-go operation on Saturday afternoon as we worked around the storms. The K2 worked fine and didn't receive any damage.

We had a lot of other interesting things happen this Field Day that will make it a memorable one. We were half eaten by horseflies, nearly blown away by wind during the night, went on a great hike where we got rained on (it was refreshing), made a couple hundred CW QSO's - about 75% on 20 meters, played with a walking stick as it walked up the feedline to the back of the K2, and worked a number of QRP'ers who frequent this list and the FOX hunts.

Field Day 2003 was a blast!

Regards, Thomas - AC7A (Tucson)

Date: Wed, 02 Jul 2003 20:57:41 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [153513] Answer to yesterday's question
Message-ID: <5.1.0.14.2.20030702203644.020e0db0@mail.ultrasw.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Question: Notice anything strange about the "optional 500mW amplifier" schematic? (See <http://www.qrp.pops.net/idaho.htm>)

Answer: The output is on the left and the input is on the right. :-)

I've been looking at schematics with INPUTS on the LEFT and OUTPUTS on the RIGHT for 50+ years and it took me a awhile to realize what was going on. But once my poor 'ol brain adapted, I saw that nothing was "wrong" -- just "different". The input and output are not explicitly indicated, but there are arrows indicating signal flow. Maybe the author drew it that way on purpose to get us out of our "ruts". :-)

A few folks thought that the problem was no voltage on the collectors. But the center tap of the input side of the output transformer shows a connection to "12", which I assume is "+12V". So that's OK.

Someone else thought that the input was feeding the collectors and the output was being taken from the bases -- which was my original thought! So guess I'm not alone... :-)

72/73,
Larry, W1HUE/7

Date: Thu, 3 Jul 2003 10:52:46 -0400

From: "Lee Mairs" <lairs@direcway.com>

To: <steve.brockwell@us.army.mil>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [153514] Re: Does my Norcal BLT needs more capacitance?

Message-ID: <079301c34172\$c3eb97e0\$2202a8c0@J4>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I've had similar issues with my BLT. My worry is that I wound the toroid incorrectly. I have a hard time with turn counts! Has anybody got some info on the toroids open circuit inductances? I'd love to disconnect mine from the rest of the circuit and verify that I did it correctly...

73 de Lee
KM4YY/8

----- Original Message -----

From: "Brockwell, Stephen E. CECOM SEC FSSE GPI"

<steve.brockwell@us.army.mil>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, July 03, 2003 10:08 AM

Subject: Does my Norcal BLT needs more capacitance?

> Hello Elmers,

>

> I built one of the Norcal BLT's and that little kit is sweet!

>

> After putting together a 16 foot vertical wire on a 16 foot fishing pole

> with 3 16 foot radials connected to about 5 feet of 300 ohm twinlead

> connected to the BLT I find that the closest I can get the tuning on 20m
is

> with the right hand polyvaricon cap turned all the way to the right. (long
> sentence!) The LED gets dimmer but does not fully go out and that gives
me

> the feeling that I need more range on the cap.

>

> Should I add a little more capacitance after making sure that the poly's

> have their trimmer adjust caps fully set to lowest capacitance? Where
would

> I add the caps assuming that I don't really know one end of a polyvaricon
> from the other?

>

> Listening to the signals while fiddling with the BLT knobs makes a

> remarkable difference. Most signals go from barely audible to super clear

> on a SW20+.

>

> Thanks all concerned for the BLT and the continuing learning experience.

>

> Steve

> KC5TTY

> SW Oklahoma

>

Date: Thu, 3 Jul 2003 08:10:27 -0700

From: "Bill Jones" <kd7s@psnw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [153515] 60 Meter mod for TS-570D(G)

Message-ID: <00bb01c34175\$3d44bd40\$a041f842@RadioRoom>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody have a mod to enable the Kenmore TS-570D(G) transmit on 60 meters?

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Thu, 3 Jul 2003 09:16:02 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-1@lehigh.edu
Subject: [153516] Field Day Soap Box
Message-ID: <Pine.LNX.4.44.0307030915290.1807-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I checked and my entry to the ARRL Field Day Soapbox is displayed now. It is easy to do and even looks good to me. To reach my input to the Soapbox go to <http://www.arrl.org> and click the button on the upper left side titled "Operating Activities". Then click on "contests" and then click on "Soapbox". Right now the ARRL Field Day is displayed so select that. Later you may need to find it in a list at this point. Click on "Select Contest" and your now at the Field Day Soapbox messages. Now type k5di into the "Search for callsign" box and press enter and your at my part of the Soap Box. We really did have fun on Field Day.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 03 Jul 2003 11:17:04 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [153517] Re: First 60m QSO
Message-ID: <5.0.2.1.2.20030703095800.0269f5e0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ooops! Sorry Steve, can't tell time.
Michael C. Boatright

Date: Thu, 03 Jul 2003 11:33:36 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153518] Re: Answer to yesterday's question
Message-ID: <3F044CD0.8D812EE6@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Larry East wrote:

> Maybe the author drew it that way on
> purpose to get us out of our "ruts". :-)

I haven't followed the thread, so perhaps someone already suggested this. When you look at the schematic of the transceiver and the photograph it looks as if the person drew the schematic with component placement in mind. Perhaps he or she did the same when drawing the schematic of the optional amplifier.

The way the amplifier schematic is drawn and using that as a guideline for component placement, the amplifier would fit nicely in the free space to the right of the main board. The antenna and phone jack could be swapped.

73,
--Alex KR1ST

Date: Thu, 3 Jul 2003 11:01:31 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153519] Re: 60 Meter mod for TS-570D(G)
Message-ID: <Pine.LNX.4.33.0307031100310.22669-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 2003, someone wrote:

> ... Kenmore TS-570D(G)

Well, I guess you'd be pretty much guaranteed a clean signal, anyway! 8-)

72 - Dale, N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Get a PicoKeyer: <http://www.hamgadgets.com>

Date: Thu, 3 Jul 2003 13:43:32 -0400
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [153520] Re: Does my Norcal BLT needs more capacitance?
Message-ID:
<6D6463F31027B14FB3B1FB094F2C74470347AFB4@tayexc17.americas.cpqcorp.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> I find that the closest I can get the tuning on 20m is
> with the right hand polyvaricon cap turned all the way to the right.

Unfortunately, the capacitance goes *down* as you turn the knobs
to the right.

Did you adjust the trimmers in the back of the polyvaricon to be
un-meshed? This is necessary to get the smallest minimum capacitance
(and thus the biggest max/min range).

If it still won't tune, I would consider taking a turn or two off
the main coil winding, but don't give my advice much weight...

You can find more info on the circuit at
<<http://www.njqrp.org/mbrproj/zmatch.html>>

-- Bill, AB1AV

Date: Thu, 3 Jul 2003 07:04:55 -0500
From: mark.milburn@juno.com
To: qrp-1@lehigh.edu

Subject: [153521] Iowa QRP Club CW Net
Message-ID: <20030703.131614.-784775.0.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not too much going on last night on 7.112 except a "long" band with lots of voice noise to go along with the QRN. Nevertheless, we carried on with:

KQOI Mark Iowa
NOWA Dennis Iowa
WA8BXN Mike Ohio

Better days ahead.

72 Mark KQOI
Des Moines, Iowa

Date: Thu, 3 Jul 2003 13:27:19 -0400
From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [153522] Matching diodes for mixers
Message-ID: <001801c34188\$5b1709a0\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Am measuring a homebrew passive diode mixer.
In a balanced mixer: no local oscillator signal should get to the RF port. Balance depends on the quality of the trifilar ferrite transformer, but likely more on the match of four diodes - in my case 1N5711's.

Diodes were matched by measuring their resistance with a nearly 4-digit Fluke ohmmeter in the "diode" switch position. There wasn't much variation from diode to diode - of 18 measured, they're within 1%. Four close ones were picked from the bunch. Should be matched within about 0.3% - the limit of the Fluke's resolution. The standard FT37-43 toroid was wound with 13 turns trifilar magnet wire.....

Applied +7dBm, 10MHz. to the local oscillator port, and measured how much leaked out the RF port.

-31dBm. That's disappointing.

As a check, measured a SBL-1 from mini-circuits. Wow, RF port only had -58 dBm of LO signal. That's very good balance.

Could it be poor diode matching on the homebrew mixer? The Fluke's ohmmeter pushes about 1mA thru the diode, and records forward voltage. At +7 dBm into 50 ohms, 14.16 mA peak current flows - far more than the DC meter.

Seems to me we should be matching diodes with higher test currents than ohmmeters provide. The remaining 14 diodes were measured by adding a 3900 ohm resistor in series with a 20v DC supply. This gave about 5mA probing current. DC voltage was measured across each diode. Variation jumped to 2.7%.

You've got to be careful to let each diode reach a new thermal equilibrium before recording voltage. Blowing on a diode shifted voltage measurably. No fingers touched the diode-under-test, or even its leads.

Even with careful diode matching, it'll be nearly impossible to beat that SBL-1, which uses a monolithic quad diode chip to ensure excellent matching.

-Glen VE3DNL

Date: Thu, 03 Jul 2003 14:39:56 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>,
noga reflector <nogaqrp@mailman.qth.net>
Subject: [153523] PDF vs DJVU AND Front-end project of mine...
Message-ID: <5.2.1.1.2.20030703143226.030df438@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This is an email I posted to the 'Premium Receiver' reflector, that contains most of the project description for a major design I'm working on. No really new technology (except for Dr. Trask's amplifier) but a very handy unit to have on your receiver front end. The original discussion was about DJVU vs PDF document formats. My vote was-as you'll see-for PDF. The drawings are not complete, but as this project comes together, it has been both interesting and exciting to (don't laugh) dream about. It's going to be terrific!

Several years ago I bit the bullet and bought Adobe's PDF-maker (Acrobat) for the stuff (from my projects) I wanted to share on my website (specifically at: <http://www.qsl.net/n4xy/hmbw1-2.html>.) The entire project I mention below, as a book, will have PDF availability on the website. It is being drawn using Autosketch (AutoCAD's little brother) and the compression is about 90k > 20k. That's not too shabby!

Several months ago I became interested in doing a fully switchable front-end filter set; that included keying for an amp; as well as receiver-muting; using external vacuum relays for transmit (whether or not there's an amplifier online); and, both RF and key-down detect.

I'm really close to starting the actual work on the unit. I've gone through this design as I would a commercial prototype-including mechanical drawings for the physical side of it, and a THOROUGH "As-Built" record. The filter/preamp design has changed drastically since the original was PDF'd and put on the website, but it will be a composite of the "Active/Passive Preselector", the "BCB Rejection Filter, and the "RF Brick" projects. I'm thinking about turning it into a "Project management" magazine article, with the results being both the "As-Built" 'book' and the finished filter unit.

The unit provides ALL DC switching (as opposed to SIGNAL switching) of relays (MIL DPDT 1/2 crystal can RF relays) with BOTH BCB Reject and BCB bandpass filters selectable, as desired-in addition to all Ham bands between 160 & 10M. The relay switching will be internal-with the exception of an external pair of HC-1 vacuum relays. Keying line passes through, and any hit on detect sets everything to a TX state (there's the capability to pass audio through the unit, and MUTE it or not-as desired.) Further, the vacuum relays out to provide excellent front-end protection for the following receivers. NO filter is inline (including the BDCST) with nothing specifically selected.

40M (only) gets a double (10 pole) set of filters simply because that's what I work the most. The broadband preamp will probably not be a 2N5109 after all.. but rather an NEC/CEL NE68133 in a design by Dr. Chris Trask: "Augmented Lossless Feedback Amplifier". The preamp will have a 1dB 50 ohm pad on both the input and output.

I started all this with a basic idea that instead of putting the relays at the filters, I would put them on vertical brackets; and run cables from them, to the filters. Then, all you have to do is wire the n/c sides of ALL the relays to pass-through the RF from the input. This results in a very nice, low VSWR. As for the internal connectors, they will all be gold SMA or SMC connectors. All the cables will be RG-178-sized TFE coax; and all the wiring TFE.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 3 Jul 2003 14:40:52 -0400
From: "Tom Bowman" <wa3rey@comcast.net>
To: <qrp-l@lehigh.edu>
Message-ID: <000501c34192\$a3213900\$08415344@TOMS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom Bowman, WA3REY, Mount Gretna, PA USA
(All mail scanned by Norton 2002)

Date: Thu, 3 Jul 2003 12:43:08 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-1@lehigh.edu
Subject: [153525] First 60 meter Contact
Message-ID: <Pine.LNX.4.44.0307031239340.2002-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was driving around town and remembered 60 meters should be open now. So I flipped through the memory channels and on the last highest frequency there was N5PK talking to a Ham in Snowflake AZ. I broke in and Jack heard me and we chatted a little. Then we decided to try again at 4:00 PM MDT and see how it looks in the early summer afternoon.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 3 Jul 2003 14:43:15 -0400
From: "Tom Bowman" <wa3rey@comcast.net>
To: <qrp-1@lehigh.edu>
Subject: [153526] RE: 75 meter qrp ssb transceiver update
Message-ID: <000301c34192\$f7371a00\$08415344@TOMS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking at the SA602 in the top left corner of the schematic, what frequency is the xtal coming off pin 6, is it the operating frequency, like 3.900 kHz?

Thanks,

Tom

Tom Bowman, WA3REY, Mount Gretna, PA USA
(All mail scanned by Norton 2002)

Date: Thu, 03 Jul 2003 14:43:46 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153527] Re: Matching diodes for mixers
Message-ID: <5.2.1.1.2.20030703144229.030d5a38@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Glen... try terminating both the input and the output with appropriate
(50 ohm? 200 ohm?) 1dB pads. Or even just the input.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 3 Jul 2003 20:49:33 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [153528] Re: Does my Norcal BLT needs more capacitance?

Message-ID: <002701c34193\$d8beb280\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

> If it still won't tune, I would consider taking a turn or two off
> the main coil winding, but don't give my advice much weight...

There was a discussion about this on the DL-QRP list some weeks ago with the suggestion from DL8RAM to make a choice for the primary winding with few or many turns. I now have a choice between the original 8+8 turns or taps at 4+4 turns, see
http://www.qsl.net/la3za/QRP_tuner.html . This is necessary for me in order to tune my 75 m loop on 17-10 meters.

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Thu, 3 Jul 2003 14:56:30 EDT
From: K5BDZ@aol.com
To: ian@g3roo.fsnet.co.uk, gqrp@yahoogroups.com, nf0r@slacc.com,
 k5qlf@yahoo.com, hqrp@stevens.com, qrp-1@lehigh.edu
Subject: [153529] WOW info from G3R00
Message-ID: <14a.21325f13.2c35d65e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a different response, Ian, G3R00 casually mentions the "how to make it work antenna formula" for antenna builders, especially those who always complain of poor experiences making home built dipoles, etc. Read this and have it tatoo'd upside down on your tummy so it's readable while drinking a touch of ale or beer.....

Bill K5BDZ

>From Ian, G3R00 -

"Make dipoles too long and erect it, now measure the length and resonant frequency (with GDO or analyzer) and multiply them together, Divide this figure by the {your} required frequency and it will give you the correct length of the aerial."

{Then just cut it to that size for the frequency you plugged into the formula...simple, huh?} BH 'BDZ

Date: Thu, 03 Jul 2003 15:01:27 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>, k5di@msn.com
Subject: [153530] 5MHz INFO
Message-ID: <5.2.1.1.2.20030703145534.030cd0e0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I sent this to the NoGAQRP reflector earlier this week, and should have sent it here as well. Please note the ACTUAL transmitter frequency difference. This is a partial message from our OOC here in GA.

This is the gospel-according to the (GA) head 00. It makes for interesting reading. Bottom line is: do NOT set your radio on the actual "channel" frequency. You MUST be CENTERED on that frequency, and setting your radio to ** THE ** frequency will NOT accomplish that. Use 1.5 kHz BELOW the "channel" frequency. Read the text below, and see:

ARRL has posted a list of frequently asked questions (FAQ) concerning 5 MHz operation on the ARRL Web site,
<http://www.arrl.org/fandes/field/regulations/faq.html#sixty>

Most of the text from Mike:

>From: K4hbi@aol.com
>Date: Mon, 30 Jun 2003 22:17:07 EDT
>Subject: 00 Reminder and 5 MHz info
>To: K4hbi@aol.com
>
>
>As you know or should know, at midnight 3 July 03 (wednesday night), those
>Amateur operators that have General or higher class licenses will get
>priviledges on the 5332, 5348, 5368, 5373 and 5405 CHANNELS. USB and 50w
>ERP are the parameters for the freqs use.

>
>This chart from the NTIA suggests appropriate dial frequencies for each
>center-channel frequency: (The "dial" frequency is what your radio shows
>on its display)
>
>Channel Amateur "Dial" Frequency
>
>5332 kHz 5330.5 kHz
>
>5348 kHz 5346.5 kHz
>
>5368 kHz 5366.5 kHz
>
>5373 kHz 5371.5 kHz
>
>5405 kHz 5403.5 kHz
>
>ARRL has posted a list of frequently asked questions (FAQ) concerning 5
>MHz operation on the ARRL Web site,
><http://www.arrl.org/fandes/field/regulations/faq.html#sixty>
>
>
>I have a feeling there will be a bunch of opportunities for cards for
>people not understanding basic radio and NTIA channel usage. For those
>that still don't get it, the NTIA gives a channel which is a 3 KHz window
>centered on the channel freq. If you set your radio on the center freq
>(channel freq) then your emission would be starting from center and going
>up about 2.8 KHz in USB which would put a bunch of the signal outside the
>channel window. So if you set the radios "dial" frequency to the low edge
>of the window (ie center channel freq- 1.5 kHz) and maintain a
>transmission of 2.8 or less bandwidth, all the emission is within the channel.
>
>As an Example, your xmtr has an output that is 2.8 KHz on voice (NO
>PROCESSOR PLEASE) and we will use the top channel of 5405. The top channel
>"5405" allows modulation from 5403.5 to 5406.5 (3 KHz wide centered on
>5405 or 5405+/-1.5). If you set your radio on 5405 USB, your emission
>would be from 5405 to 5407.8 (5405+2.8). This is clearly outside the
>allowed channel. so if you set your radios dial to read 5403.5, then your
>emission is from 5403.5 to 5406.3 AND that is now all within the allotted
>channel. That is why your dial frequency is 1.5 less than the channel
>frequency for USB AND the reason to limit your audio to 2.8 KHz. Why not
>3KHz audio? Any louder than normal voice peaks could cause out of channel
>signals, an NTIA and FCC NO-NO. Hope this helps. 73 Mike K4HBI 00C-GA

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 03 Jul 2003 19:48:28 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: n4xy@earthlink.net, qrp-l@Lehigh.EDU
Subject: [153531] Re: PDF vs DJVU AND Front-end project of mine...
Message-ID: <Law15-F76R069buSJGs000200cf@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Ed Tanton <n4xy@earthlink.net>
>Reply-To: n4xy@earthlink.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: PDF vs DJVU AND Front-end project of mine...
>Date: Thu, 03 Jul 2003 14:39:56 -0400
>

>This is an email I posted to the 'Premium Receiver' reflector, that
>contains most of the project description for a major design I'm working on.
>No really new technology (except for Dr. Trask's amplifier) but a very
>handy unit to have on your receiver front end. The original discussion was

>about DJVU vs PDF document formats. My vote was-as you'll see-for PDF. The
>drawings are not complete, but as this project comes together, it has been
>both interesting and exciting to (don't laugh) dream about. It's going to
>be terrific!

>
>
>

>Several years ago I bit the bullet and bought Adobe's PDF-maker (Acrobat)
>for the stuff (from my projects) I wanted to share on my website
>(specifically at: <<http://www.qsl.net/n4xy/hmbw1-2.html>>.) The entire
>project I mention below, as a book, will have PDF availability on the
>website. It is being drawn using Autosketch (AutoCAD's little brother) and
>the compression is about 90k > 20k. That's not too shabby!

>
>

I use Ghostview/Ghostscript (free) to convert PS files to PDF.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

Find a cheaper internet access deal - choose one to suit you.

<http://www.msn.co.uk/internetaccess>

Date: Thu, 03 Jul 2003 12:00:44 -0800

From: Jim Larsen <JimLarsen2002@alaska.net>

To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>, NJQRP-L <njqrp@njqrp.org>

Subject: [153532] Sold: AL7FS PSK-80 Warbler - 80 meter PSK-31 transceiver]

Message-ID: <3F048B6C.8030409@alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

I have three offers in a row on this rig. Let me confirm with the G3 that
first offered and if not I will go down the list.

I will be off email until Monday evening so it will be a while before this
shakes out. Leaving town in about 30 minutes.

73, Jim

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs>

Date: Thu, 3 Jul 2003 12:59:23 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>,
"Hfpack (E-mail)" <hfpack@yahoogroups.com>
Subject: [153533] Trip Announcement: July 5 thru July 12th
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F6F48@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks for Reading!

Will be taking my first backpack trip with the Boy Scouts this week!
Will be staying at 7000 feet in the Sierra Nevadas near Huntington Lake at
the Camp Kern Boy Scout camp. Armed for bear - will have the 817, SD20,
Norcal 44' doublet, BLT, VX5 and jpole. Power will be supplied from a 5 watt
solar panel, and a couple of 2AH SLAs. Not sure of my operating schedule
yet, but I should be on the air by Sunday afternoon through Friday
afternoon. Will be departing early morning July 12th. If I get enough
contacts, might make a special QSL card for this inaugural event! 73, hope
to work as many of QRP-L & HFPackers as possible!

Thanks!

Mark - KA6WKE

Apparently a teacher has been arrested in the UK in possession of compasses,
protractors, and straight edge rulers. It is claimed he is a member of the
Al Gebra movement bearing weapons of math instruction

Date: Thu, 3 Jul 2003 14:47:07 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: qrp-L Reflector <qrp-l@Lehigh.EDU>
Subject: [153534] Re: 5MHz INFO
Message-ID: <Pine.LNX.4.44.0307031445240.2136-1000000@bucket.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed, the -1.5 KHz thing has been shown on QRP-L at least 10 times. I have been listening and hear no-one off frequency.

On Thu, 3 Jul 2003, Ed Tanton wrote:

> I sent this to the NoGAQRP reflector earlier this week, and should have
> sent it here as well. Please note the ACTUAL transmitter frequency
> difference. This is a partial message from our OOC here in GA.
>
> -----
>
> This is the gospel-according to the (GA) head 00. It makes for interesting
> reading. Bottom line is: do NOT set your radio on the actual "channel"
> frequency. You MUST be CENTERED on that frequency, and setting your radio
> to ** THE ** frequency will NOT accomplish that. Use 1.5 kHz BELOW the
> "channel" frequency. Read the text below, and see:
>
> ARRL has posted a list of frequently asked questions (FAQ) concerning 5 MHz
> operation on the ARRL Web site,
> <http://www.arrl.org/fandes/field/regulations/faq.html#sixty>
>
> Most of the text from Mike:
>
> >From: K4hbi@aol.com
> >Date: Mon, 30 Jun 2003 22:17:07 EDT
> >Subject: 00 Reminder and 5 MHz info
> >To: K4hbi@aol.com
> >
> >
> >As you know or should know, at midnight 3 July 03 (wednesday night), those
> >Amateur operators that have General or higher class licenses will get
> >priviledges on the 5332, 5348, 5368, 5373 and 5405 CHANNELS. USB and 50w
> >ERP are the parameters for the freqs use.
> >
> >This chart from the NTIA suggests appropriate dial frequencies for each
> >center-channel frequency: (The "dial" frequency is what your radio shows
> >on its diaplay)
> >
> >Channel Amateur "Dial" Frequency
> >
> >5332 kHz 5330.5 kHz
> >

> >5348 kHz 5346.5 kHz
> >
> >5368 kHz 5366.5 kHz
> >
> >5373 kHz 5371.5 kHz
> >
> >5405 kHz 5403.5 kHz
> >
> >ARRL has posted a list of frequently asked questions (FAQ) concerning 5
> >MHz operation on the ARRL Web site,
> ><http://www.arrl.org/fandes/field/regulations/faq.html#sixty>
> >
> >
> >I have a feeling there will be a bunch of opprtunities for cards for
> >people not understanding basic radio and NTIA channel usage. For those
> >that still don't get it, the NTIA gives a channel which is a 3 KHz window
> >centered on the channel freq. If you set your radio on the center freq
> >(channel freq) then your emission would be starting from center and going
> >up about 2.8 KHz in USB which would put a bunch of the signal outside the
> >channel window. So if you set the radios "dial" frequency to the low edge
> >of the window (ie center channel freq- 1.5 kHz) and maintain a
> >transmission of 2.8 or less bandwidth, all the emission is within the channel.
> >
> >As an Example, your xmtr has an output that is 2.8 KHz on voice (NO
> >PROCESSOR PLEASE) and we will use the top channel of 5405. The top channel
> >"5405" allows modulation from 5403.5 to 5406.5 (3 KHz wide centered on
> >5405 or 5405+/-1.5). If you set your radio on 5405 USB, your emission
> >would be from 5405 to 5407.8 (5405+2.8). This is clearly outside the
> >allowed channel. so if you set your radios dial to read 5403.5, then your
> >emission is from 5403.5 to 5406.3 AND that is now all within the allotted
> >channel. That is why your dial frequency is 1.5 less than the channel
> >frequency for USB AND the reason to limit your audio to 2.8 KHz. Why not
> >3KHz audio? Any louder than normal voice peaks could cause out of channel
> >signals, an NTIA and FCC NO-NO. Hope this helps. 73 Mike K4HBI OOC-GA
>
>
> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;

> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> -----
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 03 Jul 2003 16:51:40 -0400
From: Bob Patten <n4bp@bellsouth.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>, Kevin Bunin <k4pg@arrl.net>,
Bruce Phegley <w4ov@arrl.net>
Subject: [153535] Radio Shack Headset
Message-ID: <3F04975C.7020001@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

After seeing the postings about the two headsets that Rat Shack had on sale, I stopped at my local one here in Plantation, FL.

I picked up the last "Communications Headset" they had, P/N 21-1831, for \$2.97 plus tax. I think this will be useful with the K1 & K2 (and probably my IC-706). It is for one ear, plenty of volume, and the attached boom electret mic appears to have plenty of output and good sound. I replaced the 1/8" mono plug for the earpiece with a stereo one, and replaced the 3/32" mic plug with a 1/8" mono. In my case, I will use the Yaesu adaptor for my Heil Pro on the K2 which provides for a footswitch. The mic does come with its own VOX circuit, but not easily adaptable to a conventional ham rig. The VOX circuit does need to be turned on however, to provide 1.5V for the electret element. It supposedly draws 2 mA from the AAA battery installed.

Good find!

--

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@arrl.net Website: <http://www.qsl.net/n4bp>
QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

Date: Thu, 03 Jul 2003 16:53:16 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [153536] Two more goodies found in that rural mailbox...it's been a QRP week !
Message-ID: <BAY1-F77n5U9T3TGJ2T00000e9c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

When it rains, it pours, as they say.
Well, we've certainly had our share of rain around here this year...
But, I've also been showered with QRP goodies this week.
Today, I found a crisp, newly-updated (06-13-03) DSW-II-20 manual, from
Dave, K1SWL, Principal Engineer at Small Wonder Labs, waiting for me...What
a guy! Thanks, Dave.

Also, the N4QA.com plates for the pickup-mobile came...guess I'll have to go
'warsh' the p/u now...

Life is good... :)

73.
Bill, N4QA
<http://www.n4qa.com>

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 3 Jul 2003 14:56:38 -0600
From: William R Colbert <w5xe@juno.com>
To: kd7s@psnw.com, qrp-l@lehigh.edu
Subject: [153537] Re: 60 Meter mod for TS-570D(G)

Message-ID: <20030703.145640.-351727.5.w5xe@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bill go to: <http://www.mods.dk/index.htm>

cancel the over screen, then go to the Kenwood block on the regular screen, the index will be on the left, scroll down to the TS570, and when that comes up, take the mars/cap mod section. Basically it is to open the rig, top/bottom covers, drop the front panel to expose the control board, and take a smr off, there are two, and the drawing on the website shows which. 2 seconds to unsolder and minutes to put rig back together. Works quite well. One of the fellows on the TS570 list suggested the best way perhaps to access the new frequencies is to enter the channels into the memory system of the 570, and not even worry about if it will switch in line like the other amateur bands. Should work since it is now 'channelized' radio.

73

Ray

"Texas can make it without the United States,
but the United States can't make it without Texas."

Sam Houston, Governor

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M GQRP-6115

ARCI-5784 NCT2R FP-111 El Paso, (FAR WEST) TEXAS

Date: Thu, 3 Jul 2003 15:05:38 -0600 (MDT)

From: Karl Larsen <k5di@msn.com>

To: Mark Schoonover <schoon@amgt.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [153538] Re: Trip Announcement: July 5 thru July 12th

Message-ID: <Pine.LNX.4.44.0307031454140.2136-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mark, I would like to hold a schedule with you. I am in Las Cruces, NM and I have a FT-817 too. Also have a TH6DXX beam at 60 feet. Bands have been kind of lousy but at dinner time we might have propagation. I suggest we start at 14.060 CW and if signals are good we can QSY to 14.162 USB.

I am using the 817 so that your s meter reading will be exactly the same as mine.

So please decide on a time with 1/2 hour repeats so if your still hiking you can still make the sched.

I was Scoutmaster for Troop 66 Sunshine Dist. and did 12 50 mile backpacks beginning about 1975. I took my Ten Tec Argo on several of those and every evening at 7 pm local I talked to a friend in Cruces who ran a patch to parents. It was instant homesick correction. I would have to tear the mike from the 12 year old boy.

So send me a schedule and I will meet it. Beam pointed west.

On Thu, 3 Jul 2003, Mark Schoonover wrote:

> Thanks for Reading!

>

> Will be taking my first backpack trip with the Boy Scouts this week!

> Will be staying at 7000 feet in the Sierra Nevadas near Huntington Lake at

> the Camp Kern Boy Scout camp. Armed for bear - will have the 817, SD20,

> Norcal 44' doublet, BLT, VX5 and jpole. Power will be supplied from a 5 watt

> solar panel, and a couple of 2AH SLAs. Not sure of my operating schedule

> yet, but I should be on the air by Sunday afternoon through Friday

> afternoon. Will be departing early morning July 12th. If I get enough

> contacts, might make a special QSL card for this inaugural event! 73, hope

> to work as many of QRP-L & HFPackers as possible!

>

> Thanks!

>

> Mark - KA6WKE

>

> Apparently a teacher has been arrested in the UK in possession of compasses,

> protractors, and straight edge rulers. It is claimed he is a member of the

> Al Gebra movement bearing weapons of math instruction

>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 3 Jul 2003 14:14:54 -0700

From: Mark Schoonover <schoon@amgt.com>

To: "'Karl Larsen'" <k5di@msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153539] RE: Trip Announcement: July 5 thru July 12th
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F6F4F@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Karl,

I really have no idea on a schedule right now. This is the first time I've been out with the troop, there are 4 adults and 12 kids going. I will be around the normal QRP watering holes on 40 at night, and 20 during the day.

If you want to try for an after dinner time sched, the first shift ends at 6 PM local, and the second at 6:45 or so... I will try 20 first up until 8 PM, then 40 after that until 9 PM... Outside of those times, I could be anywhere...

72 .mark

Date: Thu, 03 Jul 2003 17:18:23 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: k5di@msn.com, qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [153540] Re: 5MHz INFO
Message-ID: <5.2.1.1.2.20030703164724.030c44a8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yeah, I figured it was going to be that way-that is to say: simple operation ON the channel frequency, as opposed to proper operation by transmitting 1.5kHz DOWN. EVERYONE 'caught' doing it will be subject to getting 00 notices, unless somehow the FCC realizes it's mistake. (And "mistake" it is-at least in my book.)

It MAY be that the FCC will ignore the whole thing-in which case, I imagine it will filter down the ARRL/00 organization. The problem is the here and now, and whether 'they' (the FCC) will start sending out wholesale violation notices. The 00 organization is typically more useful for belligerent violations and such... but stuff like this is part and parcel of the job as well. You read the word from my 'boss'. IMHO, there's already a bunch of ill will over 5 MHz (for example: I have no intention of being FORCED to use SSB-so I'll never touch the band as it is presently defined). And, as this is noticed (by 00s) or worse, by the FCC, there'll be a whole

bunch more (ill will) when the violation notices go out. Overall, not a good thing.

And there is a bottom line at present:: your contact was a violation. If heard by the FCC, they'll send you a show-cause notice, and an advisory to OOs to listen and report. The subsequent tape-recordings and attested-to documents go to the ARRL and then to the FCC. Sooner or later, wham-no license.

If there is the likely target-rich environment I expect exists already, if they were TRYING to make us look bad, they couldn't have done a better job. That is not a good thing either.

It may have been the tenth time the proper operating procedure was mentioned here on QRP-L, but apparently some/many?/most? people are not paying it any mind, and THAT can only lead to trouble. It really makes us look bad when such things boil over.

Of course this was a STUPID thing by the FCC. Of course the conditions they have set forth are poorly delineated. But of course, they have the upper hand no matter angry we may feel at them. Thus my own, personal, solution to not touch it (operation on 5MHz) with a ten foot pole. But that does not mean I won't do my duty as I said I would when I accepted the job-and I'm certain most of the rest of the OOs feel the same way. That part is not hazy. The FCC has defined the proper and legal usage within the 5 MHz band, and that defines MY job.

All in all, as I said: this is not a good thing.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

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--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 03 Jul 2003 17:14:26 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153541] Re: Matching diodes for mixers
Message-ID: <3.0.6.32.20030703171426.007b8d50@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>resolution. The standard FT37-43 toroid was wound
>with 13 turns trifilar magnet wire.....

Glen,

Try using BN-43-2403 binocular cores. You'll get a lot less coupling
between the coils that way.

But it's really hard to beat a commercial mixer like a MCL and since they
aren't any harder to get than the parts needed for a good HB DBDM, it
doesn't really make much sense to make your own - except maybe as an
exercise.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 3 Jul 2003 14:58:11 -0700 (PDT)
From: R F Hotz <42hotrodz@sbcglobal.net>
To: qrp-l@lehigh.edu
Subject: [153542] Re: SWL RIT Kit

Message-ID: <20030703215811.46025.qmail@web80108.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've received several requests from qrp-l subscribers to summarize the results of my WTB: SWL RIT kit that I posted yesterday.

A number of qrp-lers suggested checking Dan's Small Parts & Kits, who has a "universal RIT kit," is priced at a mere \$10. I was planning to order one of his kits when out of nowhere, a K6 surfaced this a.m. and offered me his SWL RIT kit, which I of course grabbed. Have no idea why Dave ceased offering the RIT kit for the SWL series unless there was simply little or no demand any longer for the kit. I haven't located anyone thus far who has installed Dan's universal kit, but would really like to hear if anyone has tried and/or is using one.

Thanks to all who replied to my request. Greatly appreciated.

GL...72/73,

Rod
K5BGB

End of QRP-L Digest 2970

